



PTO/SB/21 (09-04)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number	10/536,635
Filing Date	May 26, 2005
First Named Inventor	Cynthia J. Kenyon, et al.
Art Unit	1636
Examiner Name	Celine X. Qian
Attorney Docket Number	023070-119970US

EFW

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
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<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application	<input type="checkbox"/> Landscape Table on CD	return postcard
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Townsend and Townsend and Crew LLP		
Signature	<i>Annette S. Parent</i>		
Printed name	Annette S. Parent		
Date	S/7/07	Reg. No.	42,058

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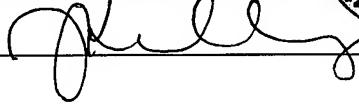
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Typed or printed name	Jessie M. Kelly	Date
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TOWNSEND and TOWNSEND and CREW LLP

By: 



PATENT
Attorney Docket No.: 02307O-119970US
Client Reference No.: SF-03-008-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Cynthia J. Kenyon et al.

Application No.: 10/536,635

Filed: May 26, 2005

For: EUKARYOTIC GENES
INVOLVED IN ADULT LIFESPAN
REGULATION

Confirmation No.: 2468

Examiner: Celine X. Qian

Art Unit: 1636

**SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §1.97 and §1.98**

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the European application.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Annette S. Parent
Reg. No. 42,058

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Substitute for Form 1449A&B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	02307O-119970US
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U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	1	WO	99/52929		10-21-1999	Burmer et al.		<input type="checkbox"/>
	2	WO	01/18549	A1	03-15-2001	Henderson et al.		<input type="checkbox"/>
	3	WO	01/12851	A2	02-22-2001	Weindruch et al.		<input type="checkbox"/>
	4	WO	03/000861	A2	01-03-2003	Regents of the University of California		<input type="checkbox"/>
								<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	5	ARANTES-OLIVEIRA Nuno et al., "Regulation of life-span by germ-line stem cells in <i>Caenorhabditis elegans</i> " SCIENCE (Washington D. C.), vol. 295, no. 5554, 18 January 2002 (2002-01-18), pages 502-505.	<input type="checkbox"/>
	6	BARSYTE Dalia et al., "Longevity and heavy metal resistance in daf-2 and age-1 long-lived mutants of <i>Caenorhabditis elegans</i> " FASEB JOURNAL, vol. 15, no. 3, March 2001 (2001-03), pages 627-634	<input type="checkbox"/>
	7	BERMAN J. R. et al., "An RNAi -based screen for genes involved in the regulation of lifespan by the reproductive system" West Coast Worm Meeting from 10-12 August 2002	<input type="checkbox"/>
	8	FRASER A. G., "A wormer's eye view." GENOME BIOLOGY 2001, vol. 2, no. 10, reports 4022.1-4022.3	<input type="checkbox"/>
	9	FRASER A. G. et al., "Functional genomic analysis of <i>C. elegans</i> chromosome I by systematic RNA interference" NATURE, Nature Publishing Group, London, GB, vol. 408, no. 6810, 16 November 2000 (2000-11-16), pages 325-330	<input type="checkbox"/>
	10	GARIGAN Delia et al., "Genetic analysis of tissue aging in <i>Caenorhabditis elegans</i> : A role for heat-shock factor and bacterial proliferation" GENETICS, Genetics Society of America, Austin, TX, vol. 161, no. 3, July 2002 (2002-07), pages 1101-1112	<input type="checkbox"/>

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A&B/PTO				Complete if Known	
				Application Number	10/536,635
				Filing Date	May 26, 2005
				First Named Inventor	Kenyon, Cynthia
				Art Unit	1636
				Examiner Name	Celine X. Qian
Sheet	2	of	2	Attorney Docket Number	02307O-119970US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	11	GUARENTE Leonard et al., "Genetic pathways that regulate ageing in model organisms" NATURE, Nature Publishing Group, London, GB, vol. 408, no. 6809, 9 November 2000 (2000-11-09), pages 255-262			<input type="checkbox"/>
	12	HONDA Yoko et al., "The daf-2 gene network for longevity regulates oxidative stress resistance and Mn-superoxide dismutase gene expression in <i>Caenorhabditis elegans</i> ." THE FASEB JOURNAL (Official Publication of the Federation of American Societies for Experimental Biology). AUG 1999, vol. 13, no. 11, August 1999 (1999-08), pages 1385-1393			<input type="checkbox"/>
	13	KAWANO Tsuyoshi et al., "Molecular cloning and characterization of a new insulin/IGF-like peptide of the nematode <i>Caenorhabditis elegans</i> " BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol. 273, no. 2, 5 July 2000 (2000-07-05) pages 431-436			<input type="checkbox"/>
	14	KIM Stuart K., "Mining the functional genomic landscape" NATURE REVIEWS GENETICS, MacMillan Magazines, GB, vol. 2, September 2001 (2001-9), pages 681-689			<input type="checkbox"/>
	15	LEE Siu Sylvia et al., "A critical role for mitochondria in <i>C. elegans</i> lifespan regulation" East Coast Worm Meeting from 14-16 June 2002. Abstract N°66			<input type="checkbox"/>
	16	LEE Siu Sylvia et al., "DAF-16 target genes that control <i>C. elegans</i> life-span and metabolism." SCIENCE (Washington D.C.), vol. 300, no. 5619, 25 April 2003 (2003-04-25), pages 644-647			<input type="checkbox"/>
	17	MELOV Simon et al., "Extension of life-span with superoxid dismutase/catalase mimetics" SCIENCE, American Association for the advancement of Science " US, vol. 289, no. 5484, 1 September 2000 (2000-09-01), pages 1567- 1569			<input type="checkbox"/>
	18	MURPHY C. T. et al., "Discovery of DAF-16 Targets and Novel Lifespan genes: Microarray Analysis of the <i>C. Elegans</i> DAF-2 Pathway" West Coast Worm Meeting from 10-12 August 2002 Abstract N°5			<input type="checkbox"/>
	19	MURPHY Colleen T. et al., "Genes that act downstream of DAF-16 to influence the lifespan of <i>Caenorhabditis elegans</i> ." NATURE (London), vol. 424, no. 6946, 17 July 2003 (2003-07-17), pages 277-284			<input type="checkbox"/>
	20	SNOW M. I. et al., "Structure and expression of daf-12: a nuclear hormone receptor with three isoforms that are involved in development and aging in <i>Caenorhabditis elegans</i> " BIOCHIMICA ET BIOPHYSICS ACTA Gene Structure and Expression, Elsevier (Amsterdam, NL) vol. 1494, no. 1-2, 15 Nov 2000, pages 104-116			<input type="checkbox"/>

Examiner Signature		Date Considered
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